SPARK SUMMIT | 2015

DOUG WOLFE – CIO, CIA

Analytics
for Government

What we do at CIA, consists of Five Basic Components

Operations

Analysis

Science and Technology

Support

Digital Innovation

Mission

To carry out “the intelligence cycle,” the process of collecting, analyzing, and disseminating intelligence information to top US government officials.

What we need, insights!

FAST

ACCURATE

PREDICTIVE

Our strategy is to deliver the most advanced analytic environment in support of the mission

Recent Progress

The Government is **changing**. The adoption of the C2S cloud (AWS) in the Intelligence Community was a major change to the way we do business.

C2S gives us a compute fabric on demand.

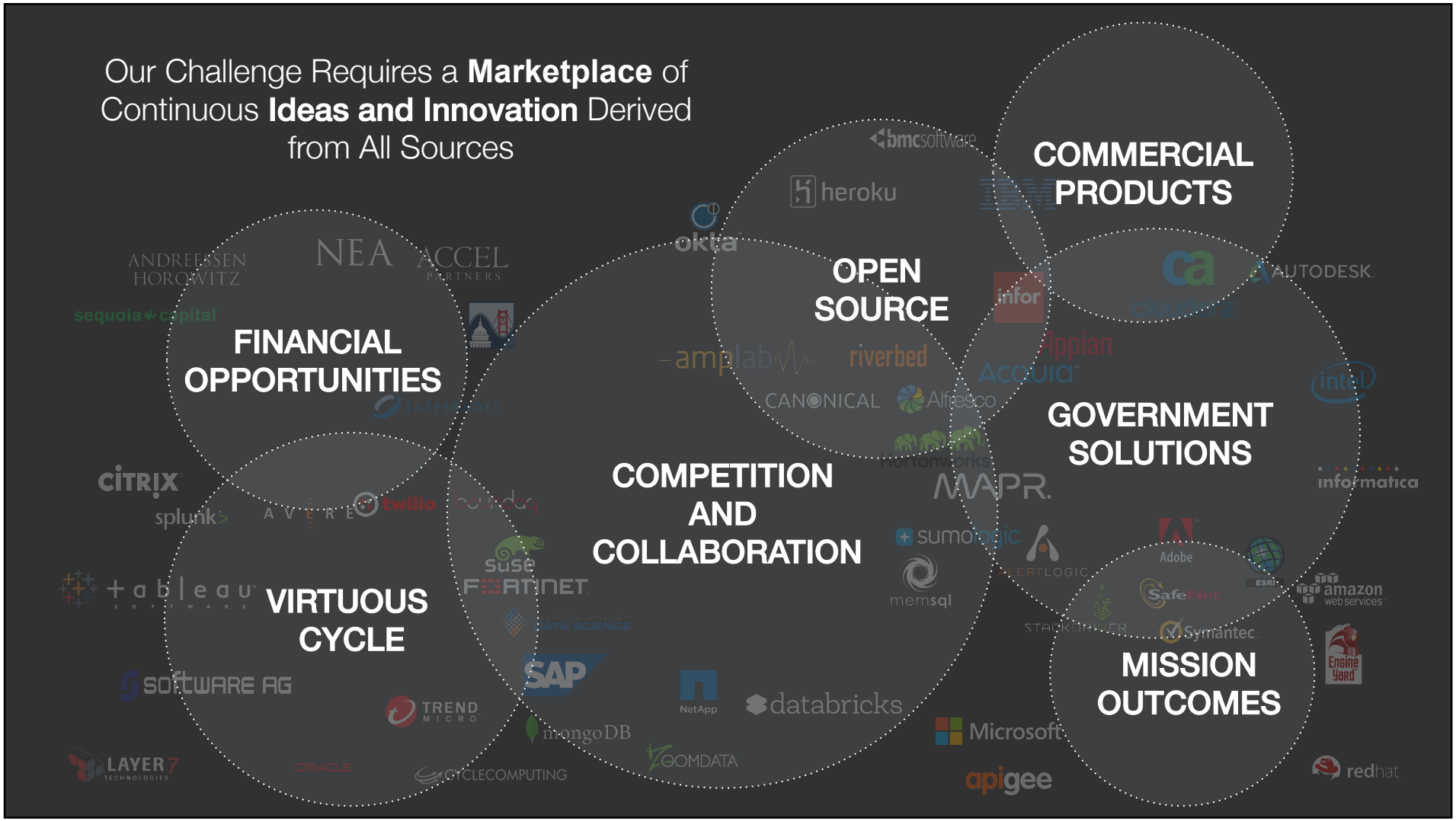
Next Steps:

Creation of a compatible software ecosystem

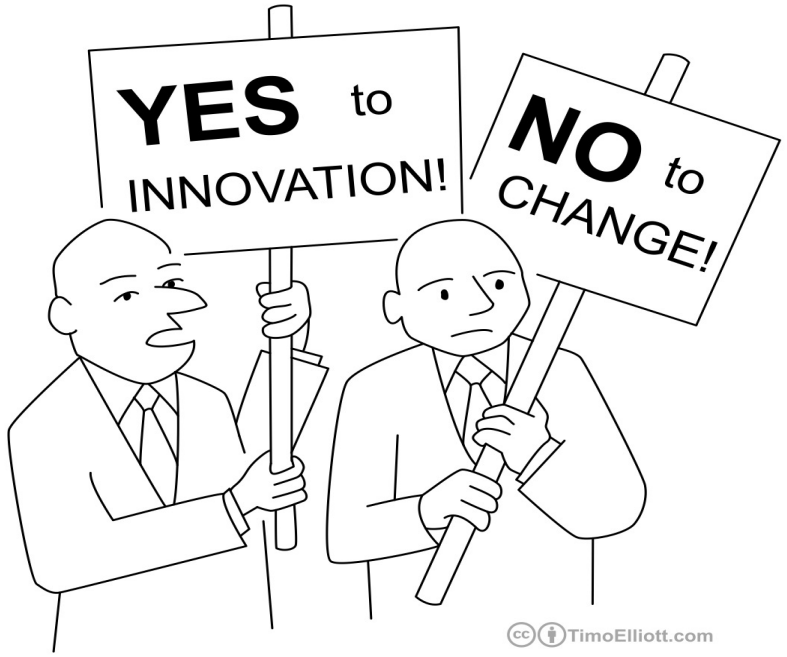
Putting the best tools possible at the fingertips of the analysts; spending our time and resources on outcomes

Caution, don’t fall into the mouse trap!

“My team has created a very innovative solution, but we’re still looking for a problem to go with it.”


Our Challenge Requires a **Marketplace** of Continuous **Ideas and Innovation** Derived from All Sources
COMMERCIAL PRODUCTS
OPEN SOURCE
FINANCIAL OPPORTUNITIES
GOVERNMENT SOLUTIONS
COMPETITION AND COLLABORATION
VIRTUOUS CYCLE
MISSION OUTCOMES
ANDREESSEN HOROWITZ
NEA
ACCEL PARTNERS
sequoia capital
JASPERSOFT
CITRIX
splunk
AVERE
twilio
boundaq
tableau SOFTWARE
SOFTWARE AG
TREND MICRO
LAYER 7 TECHNOLOGIES
ORACLE
CYCLECOMPUTING
SAP
mongoDB
NetApp
databricks
OOMDATA
FORTINET
SUSE
bmcsoftware
heroku
okta
amplab
riverbed
CANONICAL
Alfresco
hortonworks
MAPR
sumologic
memsql
infor
Appian
Acquia
ca
cloudera
AUTODESK
intel
informatica
ALERTLOGIC
Adobe
SafeNet
ESRI
amazon web services
STACKDRIVER
Symantec
Engine Yard
Microsoft
apigee
redhat

Culture - Harder than Tech?

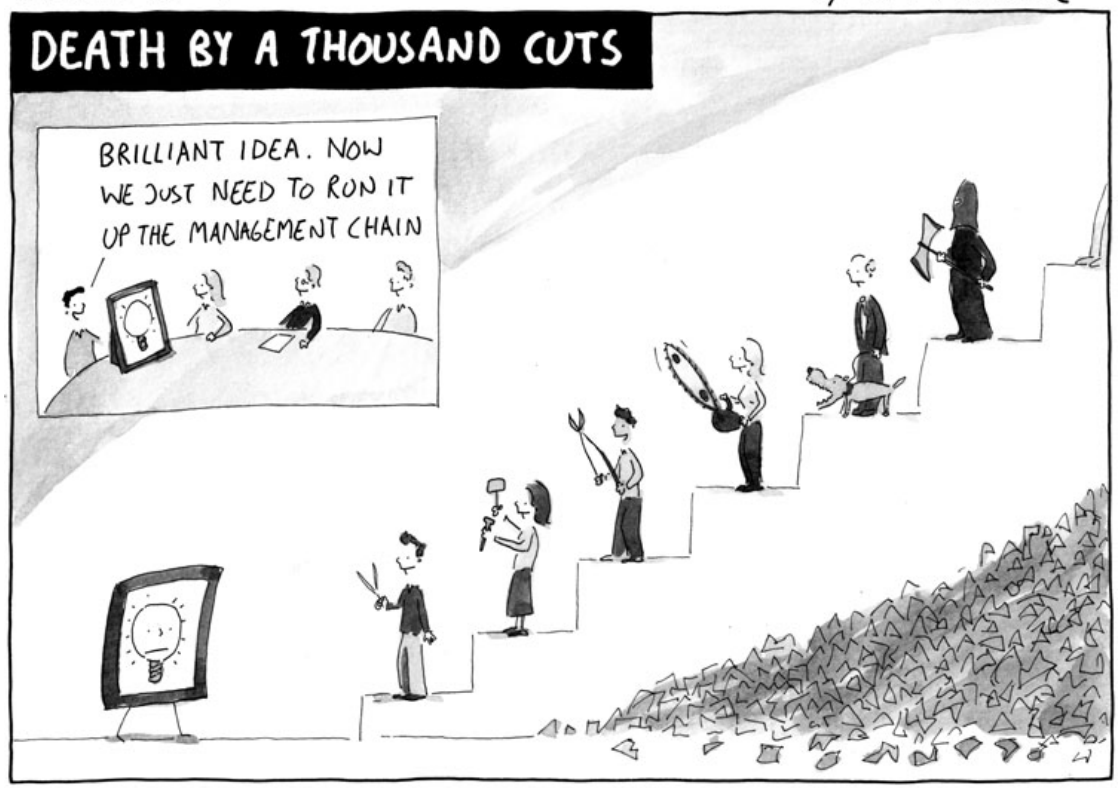


"We only have two demands!
Why don't people just give us what we want?"

BRAND CAMP

by Tom Fishburne

DEATH BY A THOUSAND CUTS



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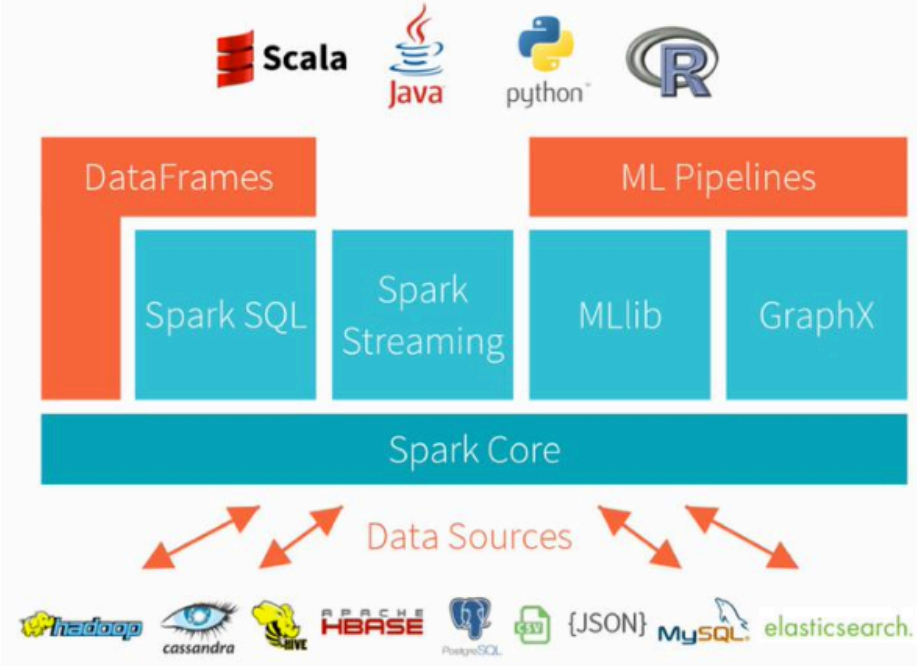
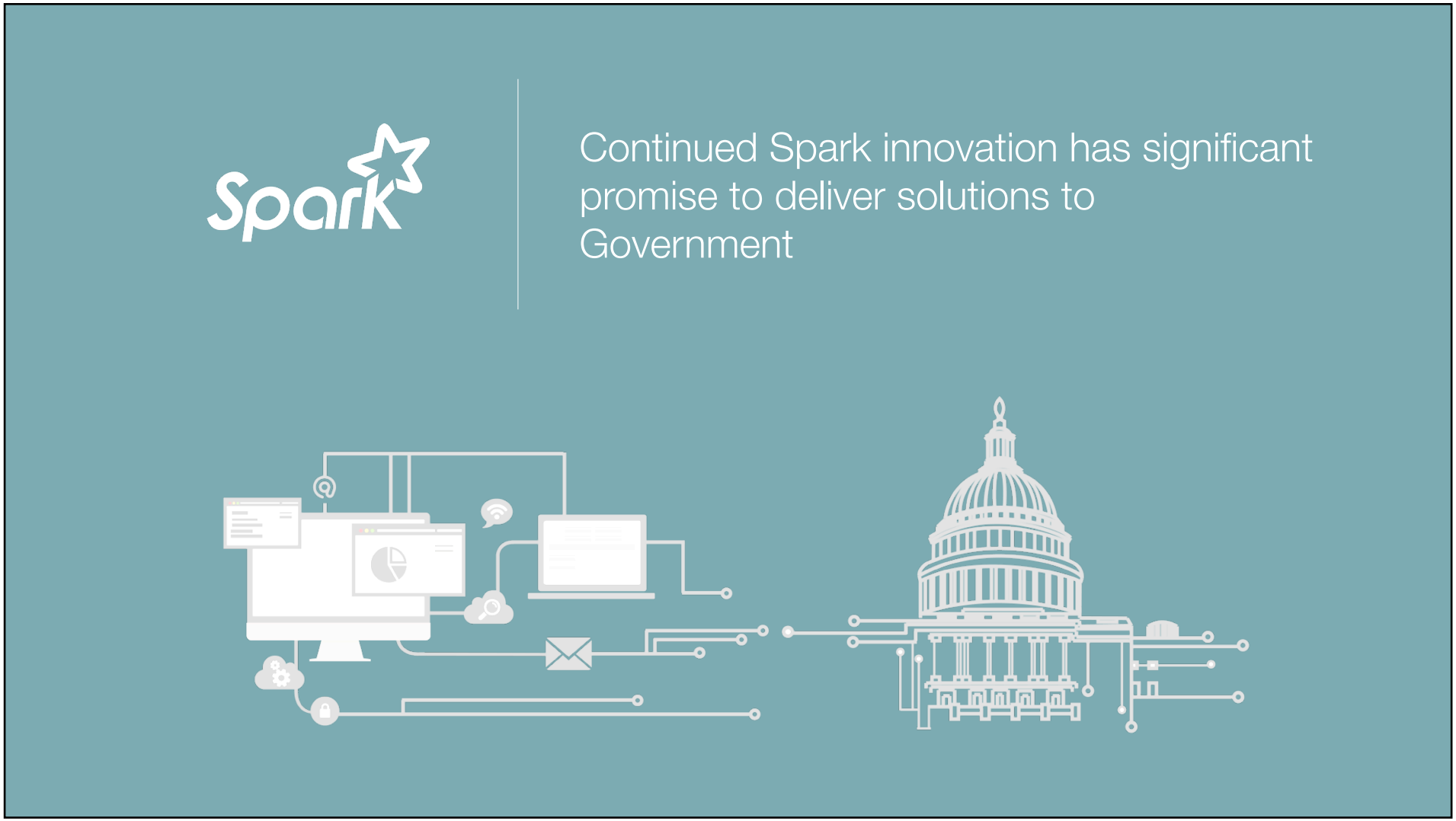
The SPARK Advantage

Total Contributors: **150 – 500**
Lines of code: **190K – 370K**
500+ active production deployments



ANALYTICS WE NEED

- Fast - Streaming
- Distributed
- Interoperable
  - Data
  - Tools
- Learning


Spark
Continued Spark innovation has significant promise to deliver solutions to Government

A sustainable ecosystem by
connecting the
The Valley and the Hill
drives innovation.
SINEWAVE
VENTURES
CONNECTING THE HILL AND THE VALLEY

Thank You

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